

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/02446

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61K9/26 A61K9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 25066 A (ASTRA AB ;DEPUI HELENE (SE); HALLGREN AGNETA (SE)) 17 July 1997 (1997-07-17) page 13, line 25 -page 14, line 24 page 15, line 25 -page 16, line 5 page 18, line 14 -page 19, line 2 page 22 -page 24; example 1	1,10
Y	WO 01 49272 A (KERSHMAN AL ;SHEAR JEFF (US); SHEAR KERSHMAN LAB INC (US)) 12 July 2001 (2001-07-12) page 1, line 21 -page 2, line 31 page 7, line 17 - line 33 page 10 -page 11; example 1; tables A,B --- -/--	1-5,7,8, 10-14, 16,17,20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

28 May 2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 708 867 A (HSIAO CHARLES H) 24 November 1987 (1987-11-24)  column 1, line 37 -column 2, line 41 ----	1-5,7,8, 10-14, 16,17,20
A	WO 01 37808 A (LIPOCINE INC) 31 May 2001 (2001-05-31) page 3, line 17 - line 19 page 60, line 18 - line 25 page 78 -page 81; examples 1-8 ----	1,3,4
A	WO 95 31963 A (JANSSEN PHARMACEUTICA NV ;JANS EUGENE MARIE JOZEF (BE); GILIS PAUL) 30 November 1995 (1995-11-30) page 1, line 23 - line 35 page 2, line 15 - line 16 claim 1 ----	1,5,6
A	WO 01 35925 A (LILLEY IAN ANDREW ;MARS UK LTD (GB); MCGENITY PHILIP MARTIN (GB)) 25 May 2001 (2001-05-25) page 3, line 27 -page 4, line 7 page 4, line 27 -page 5, line 9 -----	1,5,6

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/02446

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9725066	A	17-07-1997	AT 228009 T 15-12-2002
			AU 712669 B2 11-11-1999
			AU 1324197 A 01-08-1997
			BR 9607350 A 30-12-1997
			CA 2213996 A1 17-07-1997
			CN 1183047 A ,B 27-05-1998
			CZ 9702747 A3 18-03-1998
			DE 69624907 D1 02-01-2003
			DK 813424 T3 10-03-2003
			EE 9700192 A 16-02-1998
			EP 0813424 A1 29-12-1997
			ES 2185817 T3 01-05-2003
			HU 9904024 A2 28-05-2000
			JP 11501950 T 16-02-1999
			NO 974071 A 17-10-1997
			NZ 325977 A 25-02-1999
			PL 322175 A1 19-01-1998
			PT 813424 T 31-03-2003
			RU 2179453 C2 20-02-2002
			WO 9725066 A1 17-07-1997
			SK 116997 A3 06-05-1998
			TR 9700916 T1 21-12-1997
			TW 464514 B 21-11-2001
			US 6183776 B1 06-02-2001
			ZA 9610935 A 08-07-1997
WO 0149272	A	12-07-2001	US 6340471 B1 22-01-2002
			US 6541025 B1 01-04-2003
			AU 2446301 A 16-07-2001
			CA 2392621 A1 12-07-2001
			EP 1246615 A2 09-10-2002
			WO 0149272 A2 12-07-2001
US 4708867	A	24-11-1987	NONE
WO 0137808	A	31-05-2001	US 6248363 B1 19-06-2001
			AU 1798101 A 04-06-2001
			CA 2391923 A1 31-05-2001
			EP 1233756 A1 28-08-2002
			WO 0137808 A1 31-05-2001
			US 2003064097 A1 03-04-2003
WO 9531963	A	30-11-1995	AT 208611 T 15-11-2001
			AU 690994 B2 07-05-1998
			AU 2527295 A 18-12-1995
			BR 9507637 A 07-10-1997
			CA 2190357 A1 30-11-1995
			CZ 9603335 A3 12-02-1997
			DE 69523912 D1 20-12-2001
			DE 69523912 T2 27-06-2002
			DK 760648 T3 25-02-2002
			WO 9531963 A1 30-11-1995
			EP 0760648 A1 12-03-1997
			ES 2167436 T3 16-05-2002
			FI 964623 A 19-11-1996
			HK 1010695 A1 04-04-2002
			HU 74988 A2 28-03-1997
			IL 113782 A 17-08-1999

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/02446

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9531963	A	JP 10501211 T	03-02-1998
		NO 964912 A	19-11-1996
		NZ 285766 A	22-09-1997
		PL 317227 A1	17-03-1997
		PT 760648 T	29-04-2002
		SI 760648 T1	30-04-2002
		US 5824336 A	20-10-1998
		ZA 9504128 A	19-11-1996
WO 0135925	A	GB 2356346 A	23-05-2001
		AU 1406601 A	30-05-2001
		WO 0135925 A1	25-05-2001